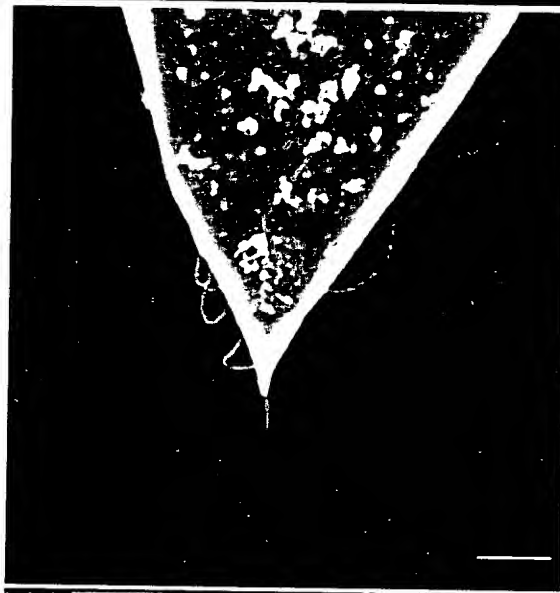


— FIG. 3A



— FIG. 3B



— FIG 3C

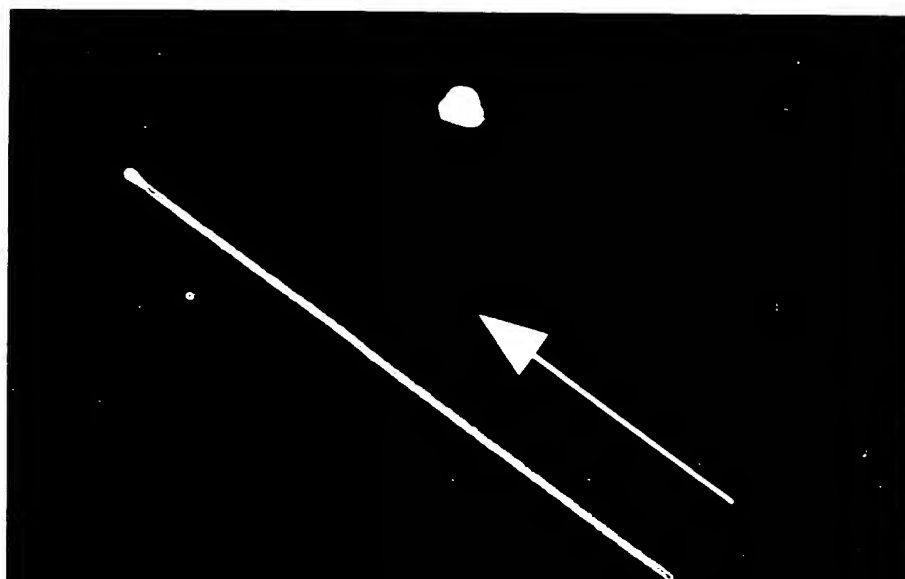


FIG. 5A

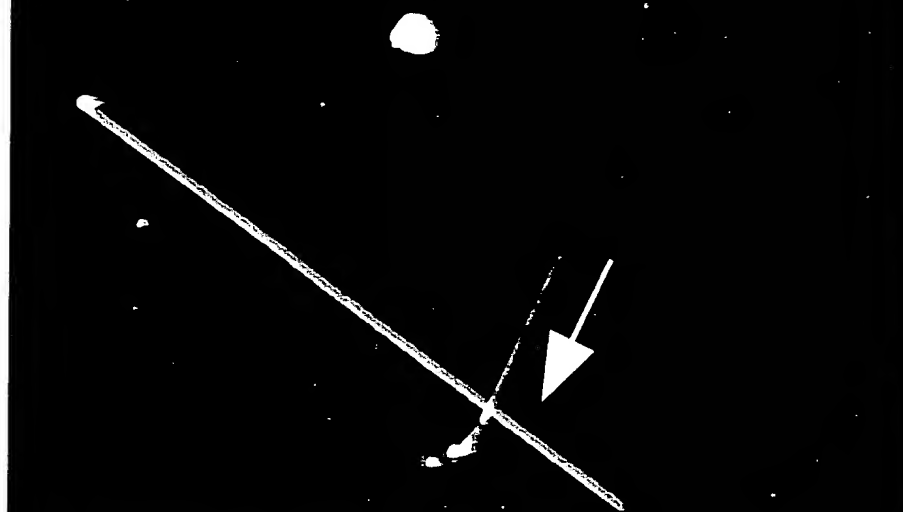


FIG. 5B

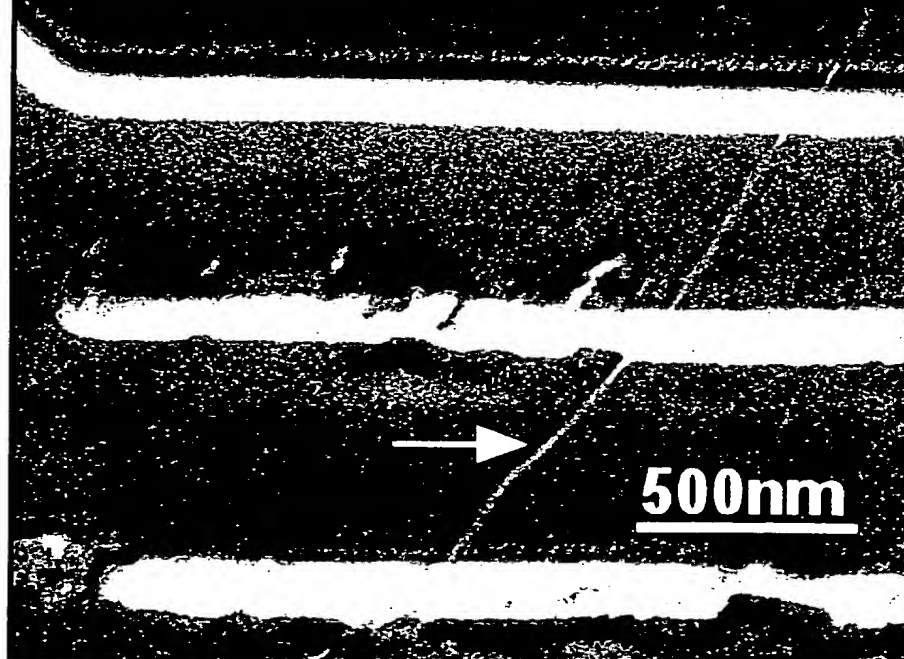


FIG 5C

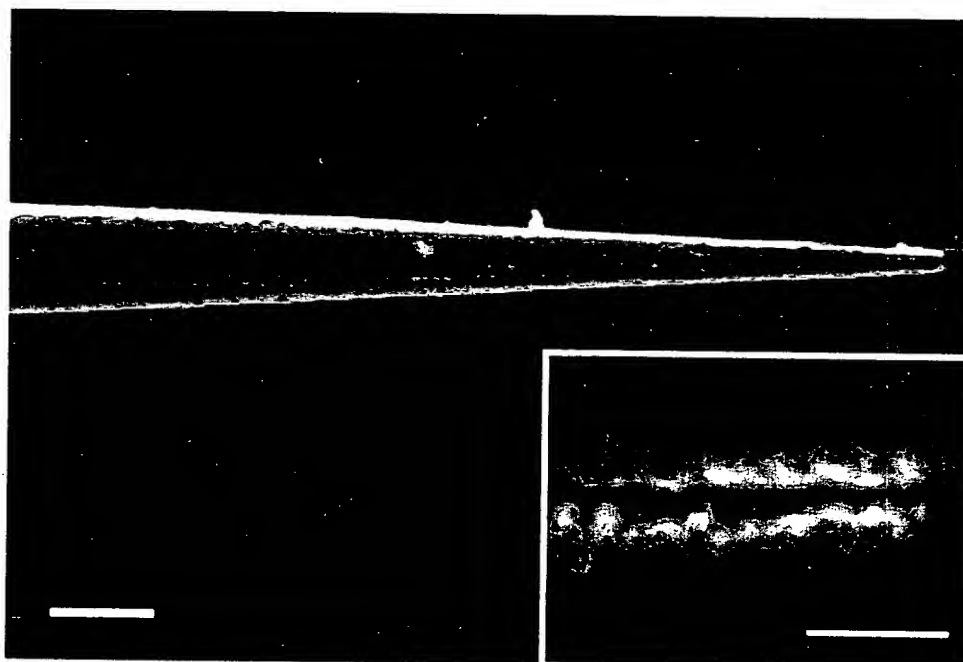


FIG. 6B

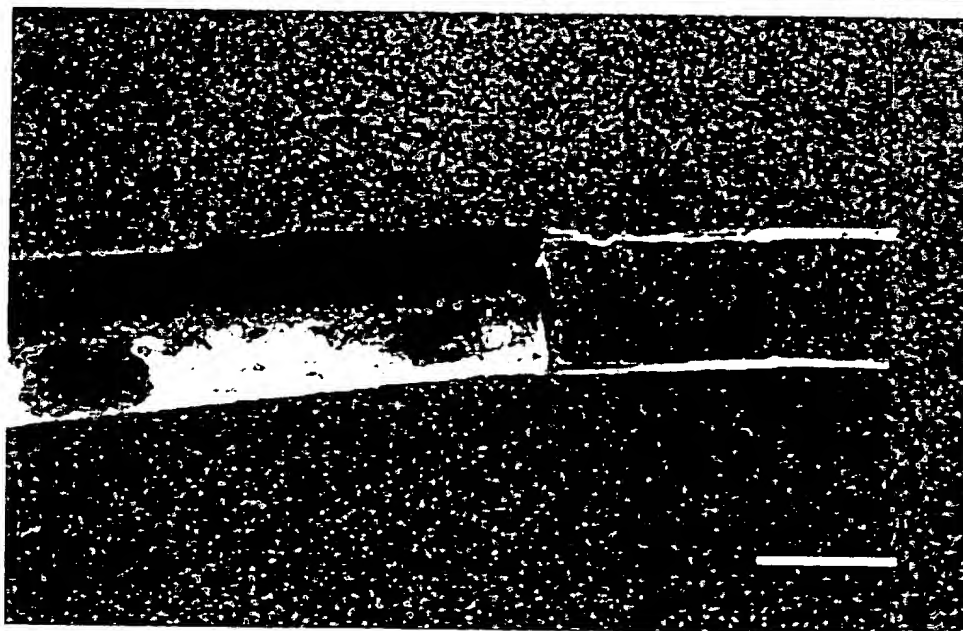


FIG 6C



FIG. 7A



FIG. 7B



FIG. 7C

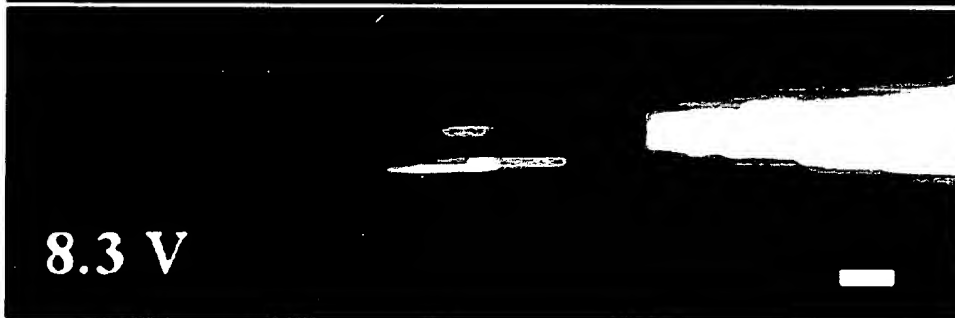


FIG. 7D



FIG 7E

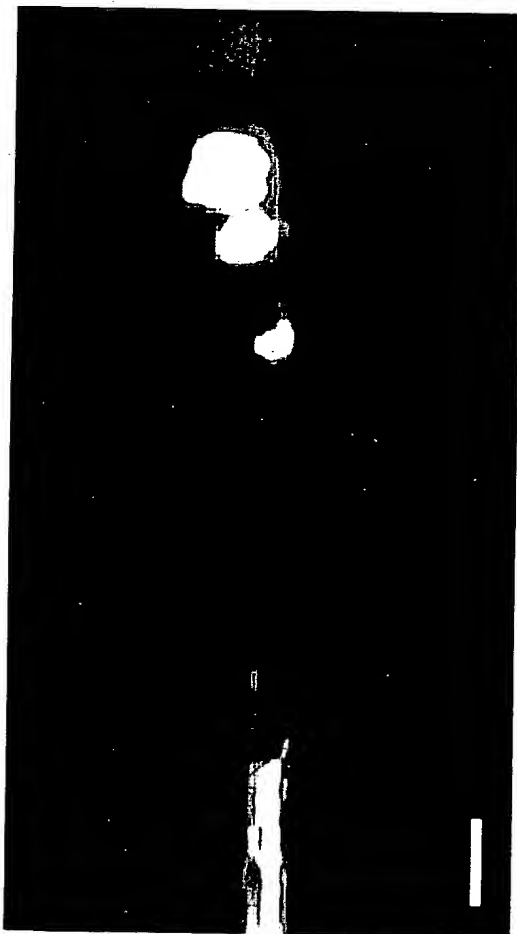


FIG. 8A

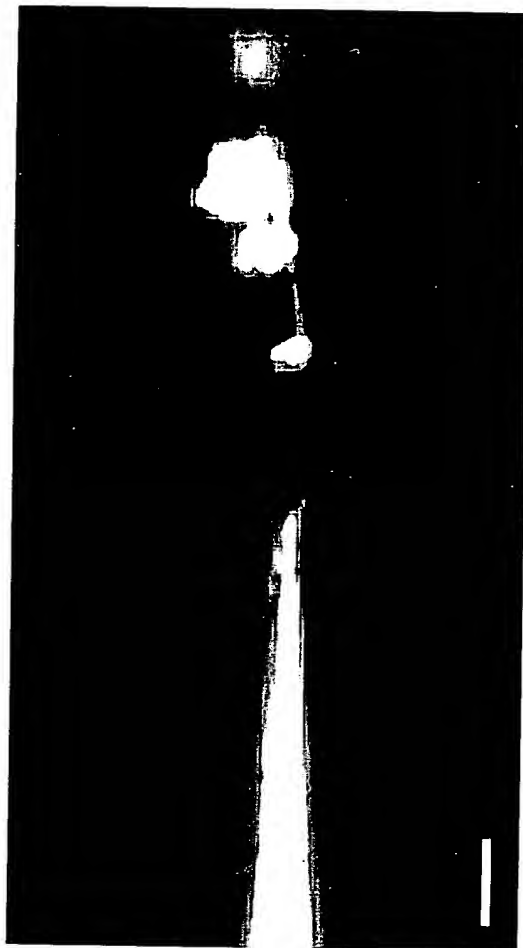


FIG. 8B

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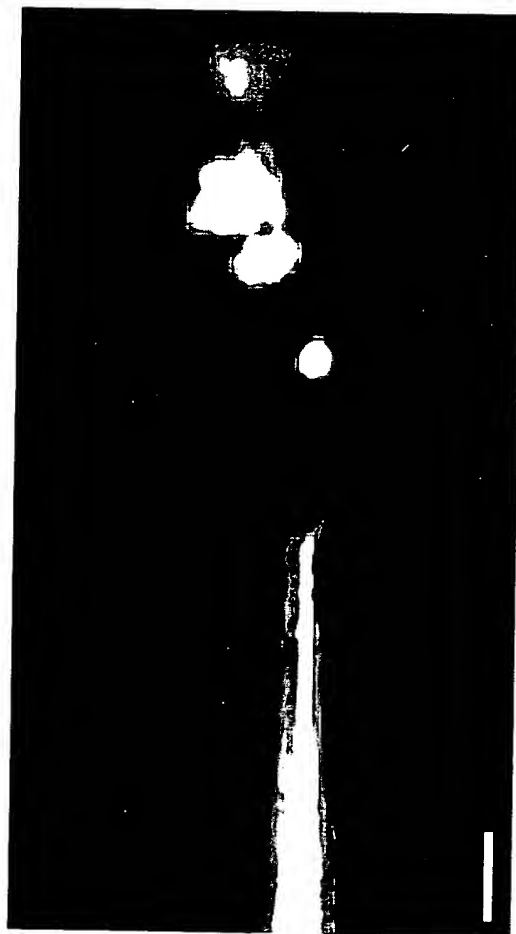


FIG. 8C

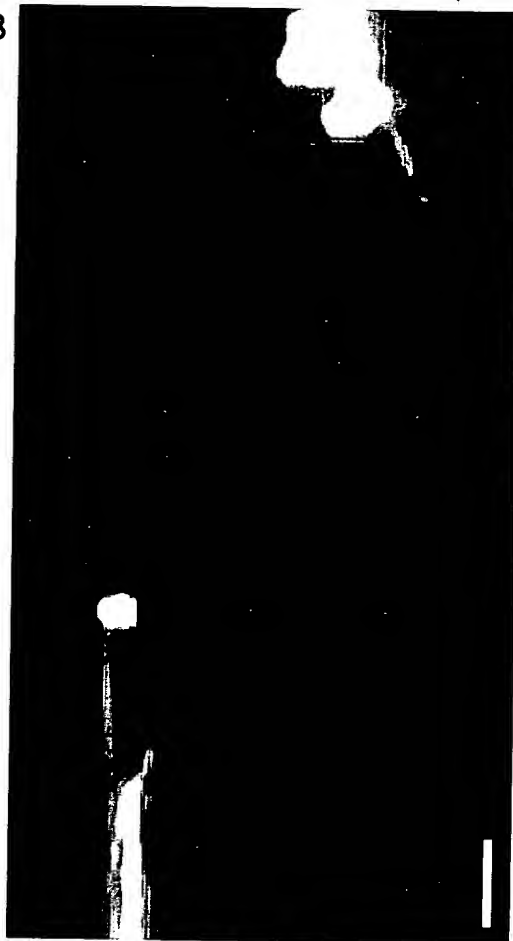


FIG. 8E

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FIG. 9A

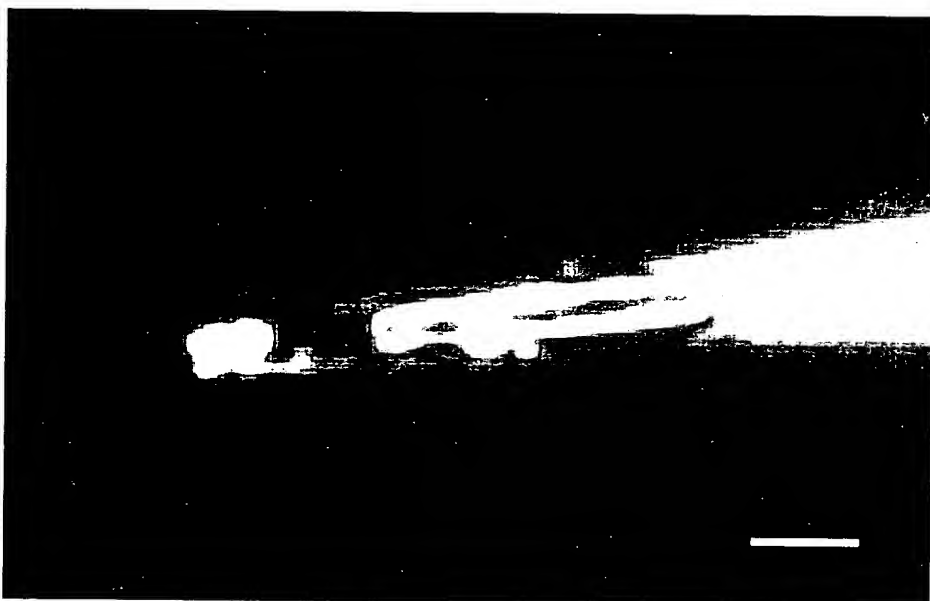
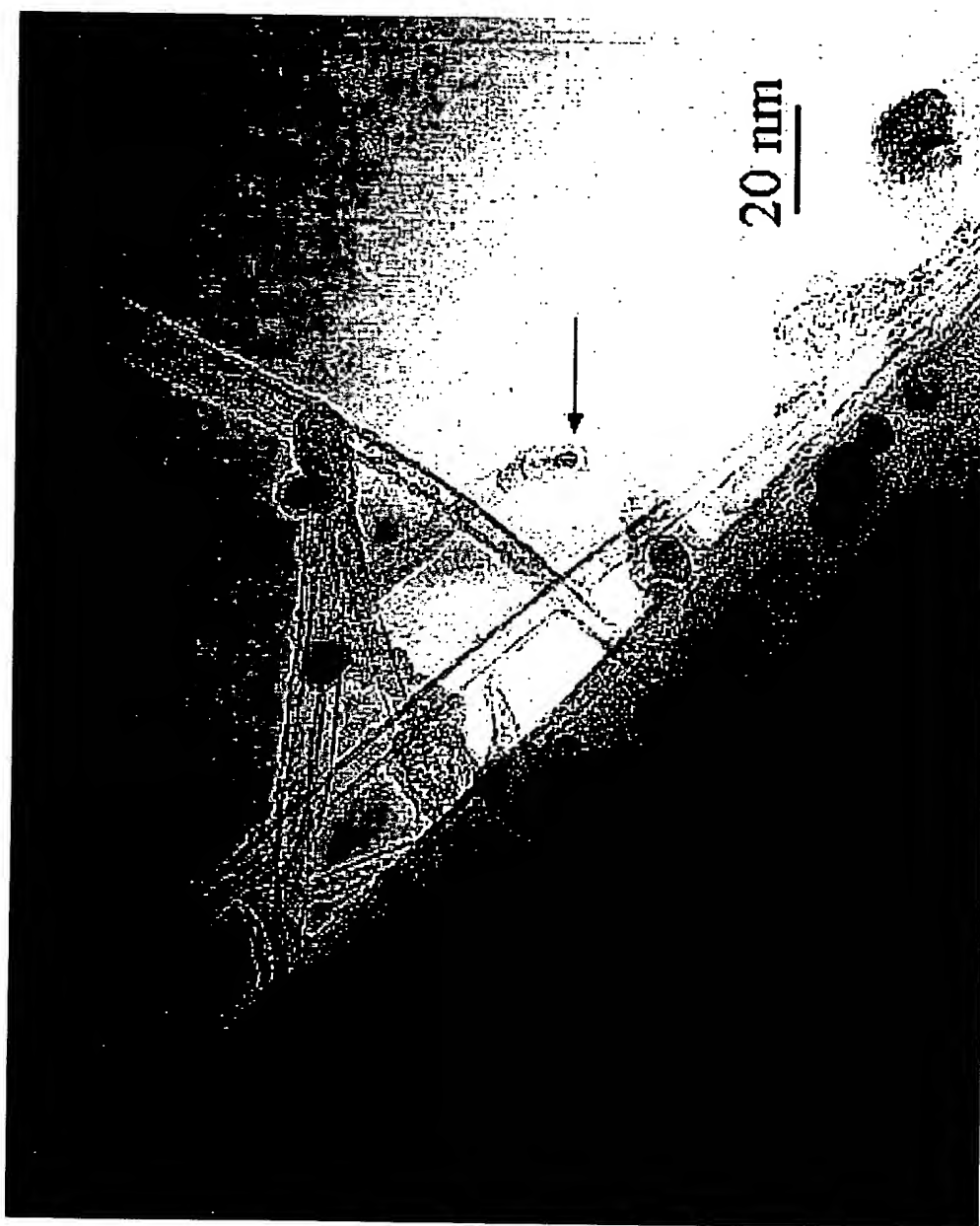


FIG. 9B



FIG 9C



Catalyst: FeOx 6L (black arrow) Majority of catalyst size: 4-6nm
Carbon Source: C₂H₄, SWNT (white arrow) Majority of SWNT size: 4nm

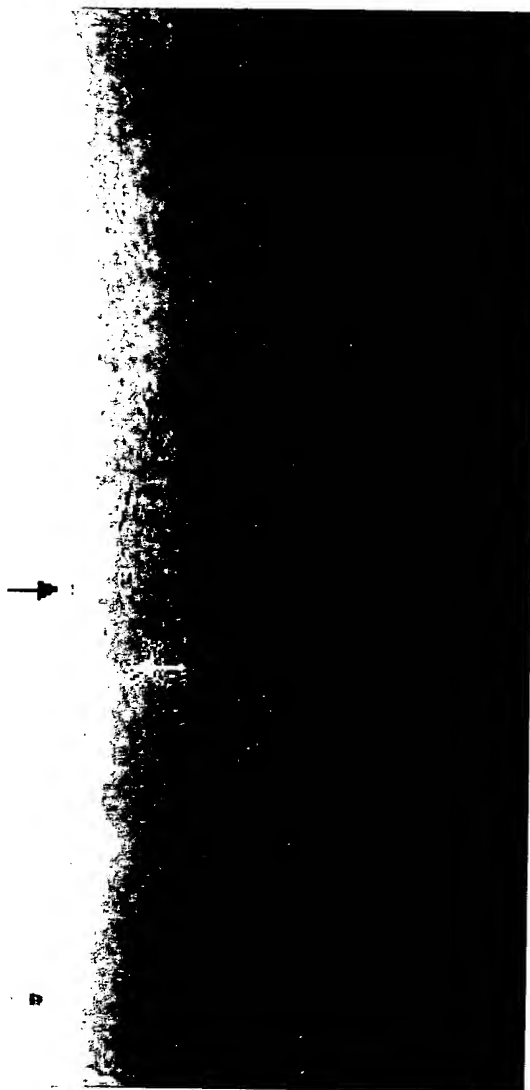
FIG. 10



Catalyst: FeOx 2L
Carbon source: CO
0.8 nm SWNT (white arrow)

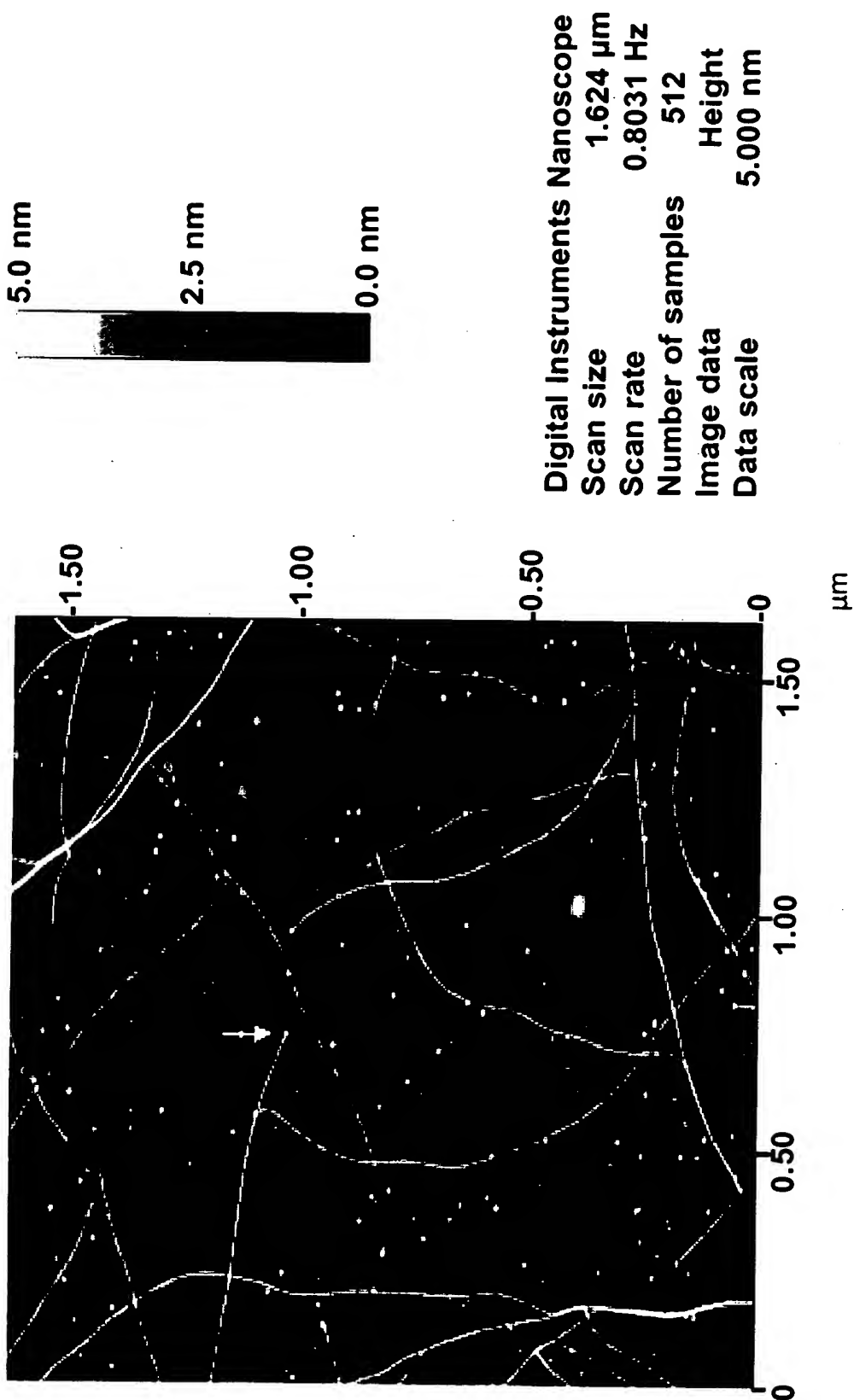
FIG 11

10 nm
—



Catalyst: FeOx 2L (black arrow)
Carbon source: CO, SWNT (white arrow)
Majority of catalyst size: 1.5-3.5 nm
Majority of nanotube size: 1.3-2.3 nm

FIG. 12



Catalyst: FeOx 6L (white arrow)
Carbon source: C_2H_4 , SWNT (black arrow)

FIG 13

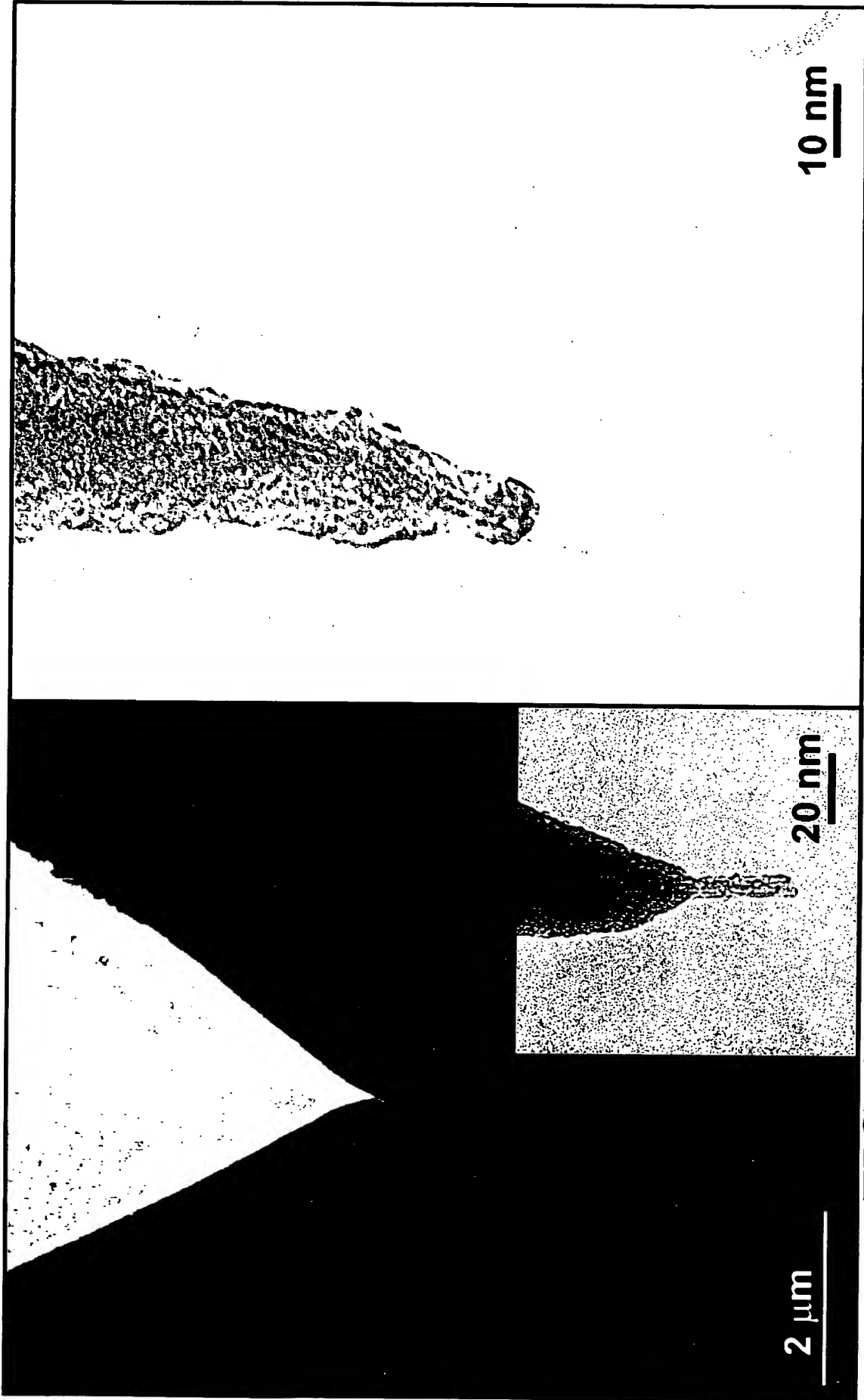


FIG. 15B

FIG. 15A